

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Elahe houshmand

GENERAL INFORMATION:

Name:	R.R. Donnelley & Sons, Company – Danville Division
Address:	3201 Lebanon Road, Danville, KY
Date application received:	4/21/2005
SIC/Source description:	2752
AFS(10-digit) Plant ID:	21-021-00037
Activity Number:	APE20050001
A.I. Number:	381
Permit number:	V-05-037

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input checked="" type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input checked="" type="checkbox"/> Other

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Allowable (tpy)	Actual (tpy)
VOC (Source-wide)	451	153
VOC (EP#1-EP7)	<250	50.0
VOC (EP#8)	<53 (PTE)	20.9
VOC (EP#9)	<40	10.7
VOC (EP#10 &11)	<36	27.7
VOC (EP#12)	<36	7.03
VOC (EP#13 &14)	<36	36 (Projected)
PM (Source-wide)	NA	5.651
SO <sub>2</sub> (Source-wide)		0.449
NO <sub>x</sub> (Source-wide)		74.4
CO (Source-wide)		62.5
HAP (EP #10, 11 and 12)	<= 9.0 Single HAP	Butyl Carbitol (CAS #112-34-5) 4.96
HAP (EP #13 and 14)	<= 9.0 Single HAP	Butyl Carbitol (CAS #112-34-5) 9.0 (projected)

## SOURCE PROCESS DESCRIPTION:

This facility is in the magazine printing and binding industry. This source is major for volatile organic compounds (VOC). The source has fourteen (14) heatset lithographic presses to print magazines. Three (3) regenerative thermal oxidizers and one (1) thermal oxidizer are controlling all 14 presses in a multiplex configuration. The company estimates 97 % destruction efficiency.

## EMISSION AND OPERATING CAPS DESCRIPTION:

See Permit Statement Of Basis.